








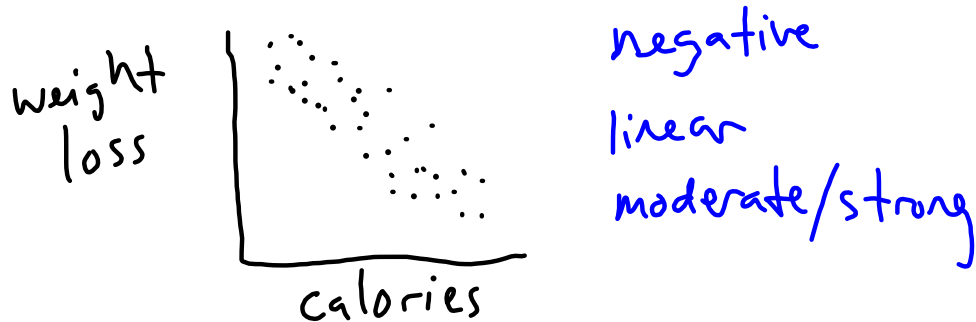
Unit 4 → Ch. 7 and 8:

- Two variable plots → Scatterplots
- Characteristics of Scatterplots:
 - Direction:
 - Positive 
 - Negative 
 - Form:
 - Linear 
 - Curved 
 - Strength:
 - Strong 
 - Moderate 
 - Weak 

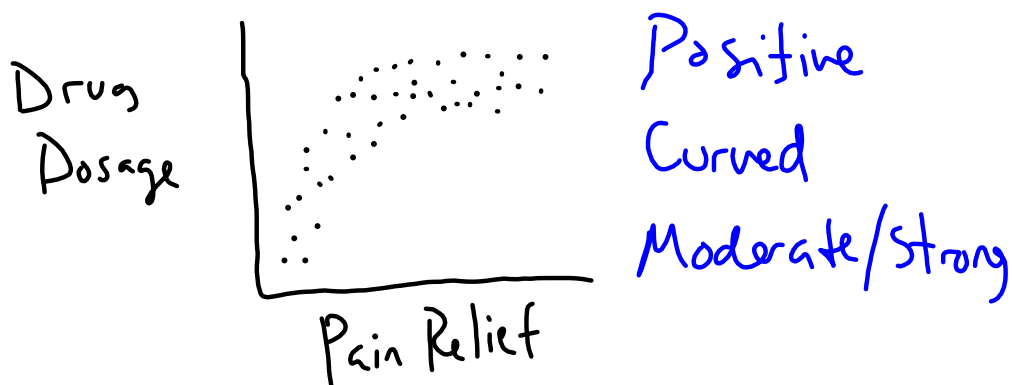
*"None" is an option for all three characteristics.

• Example:

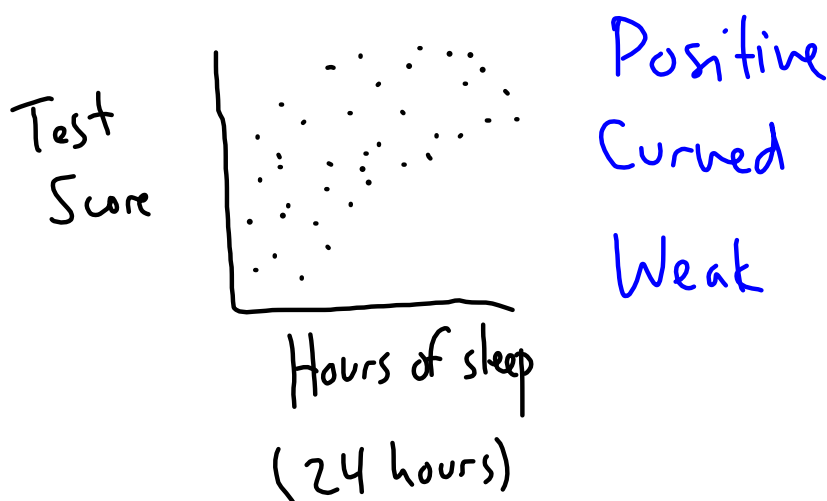
– Weight loss and calories consumed



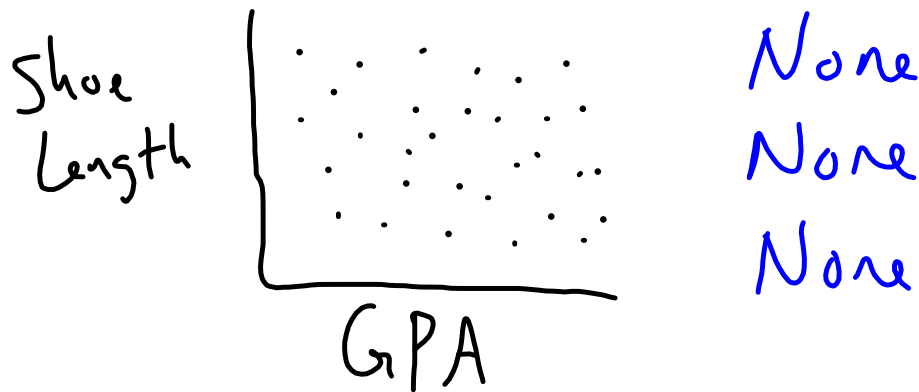
– Drug dosage and pain relief



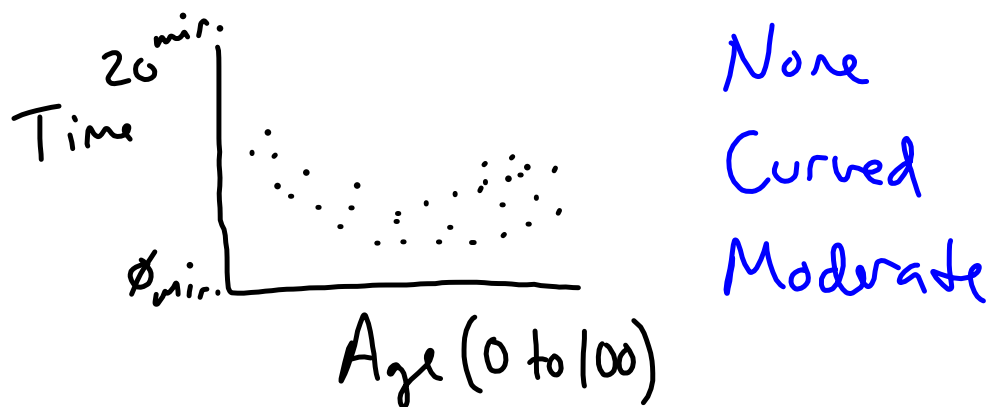
– Test score and hours of sleep



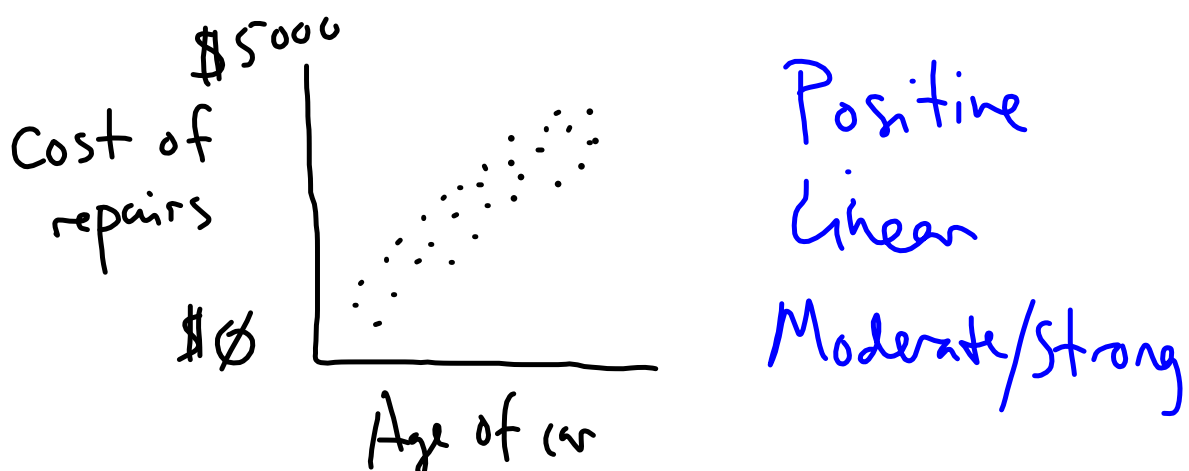
- Shoe Length and GPA



- Time to run a mile and age



- Cost of repairs and age of car



- Axes
 - X-axis: independent variable
predictor variable
this is the one that you change
 - Y-axis: dependent variable
response variable
this variable gets changed as a result
of your actions
 - Scale of each these matters, because
the direction, form, and strength may
change depending on the scale